

Abstract of the Disclosure

Provided is a water cooling type cooling jacket for an electronic device including a pouch body formed of a soft, loose elastic material that is deformable to closely contact heat-generating elements having various shapes due to a contact pressure and accommodating and a coolant, and a coolant inlet tube and a coolant outlet tube formed at one side of the pouch body to allow the coolant to circulate inside the pouch body and connected to coolant circulation lines for circulating the coolant. Therefore, the water cooling type jacket for an electronic device can be adapted to various shapes of heat-generating elements having uneven surfaces and various shapes of installation spaces beyond electrical and mechanical limitation to increase a heat transfer area and maximize a heat transfer efficiency and can be installed at various electronic devices such as hard disk drives, video cards or memory cards and a PCB without spatial limitation. Also, the water cooling type, soft cooling jacket for an electronic device can reduce a fabrication cost by simplifying the structure while maintaining close adhesion and can safely protect various elements by distributing pressure applied to the elements.